

**B 9370
SYSTEMS
MEMORY**

Burroughs

FIELD ENGINEERING

**PARTS
CATALOG**



PROPERTY OF AND TO BE RETURNED TO

Burroughs

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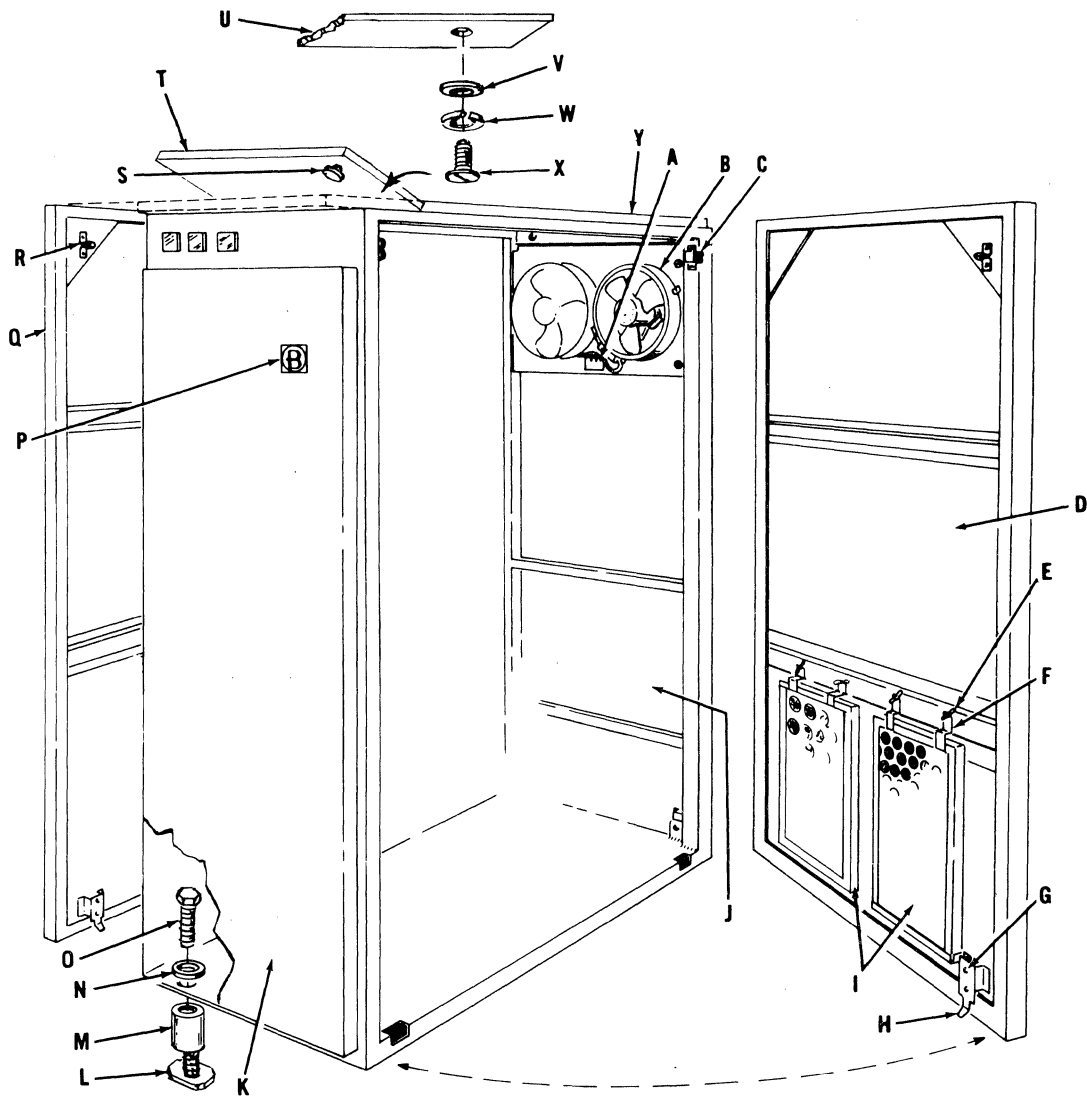
NOTE

Refer to "Electrical Parts Catalog" for common electrical parts not identified in this catalog.

✓ CHANGES OR ADDITIONS

On "Revised" pages, the check mark (✓) shown to the left of items or subject titles indicates changes or additions since last issue.

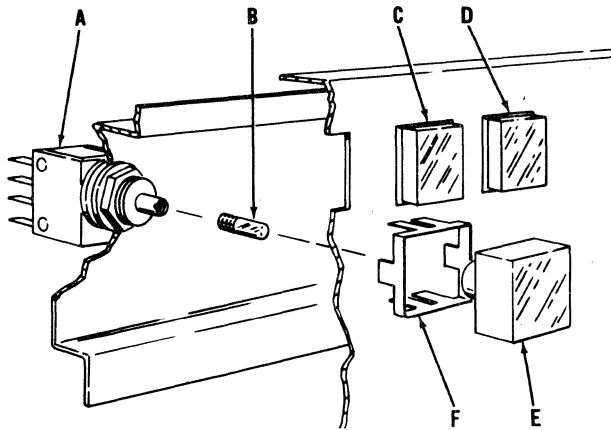
PANELS (PLATE 1)



PART NUMBERS (PLATE 1)

A	2012 8864	capacitor, 2 uf, 170 VAC	P	1907 5738	medallion - red B, use 1128 5855
B	1142 9123	fan, includes A, use 1143 1491 fan guard			medallion plate
C	1111 7363	roller catch			1256 5925 spring nut
D	1146 2231	panel	Q	1146 2223	panel
E	1110 1508	wing nut	R	1111 7371	striker
F	1147 7254	latch	S	1110 9097	bumper
G	1142 8984	screw	T	2005 2684	lid
H	1147 7247	foot latch	U	2005 6610	nut plate
I	1143 1210	filter	V	1256 8010	washer
J	1145 8494	rear panel	W	1256 7442	lockwasher
K	1146 2249	front panel	X	1256 0884	screw
L	1146 7693	foot	Y	1145 8486	top panel (SM)
M	1148 0548	leg		2005 4300	panel (SM-1A)
N	1256 8127	washer		1901 0826	panel assembly (SM-1A)
O	1256 6345	bolt			includes S, T, U, V, W, X

OPERATOR PANEL (PLATE 2)



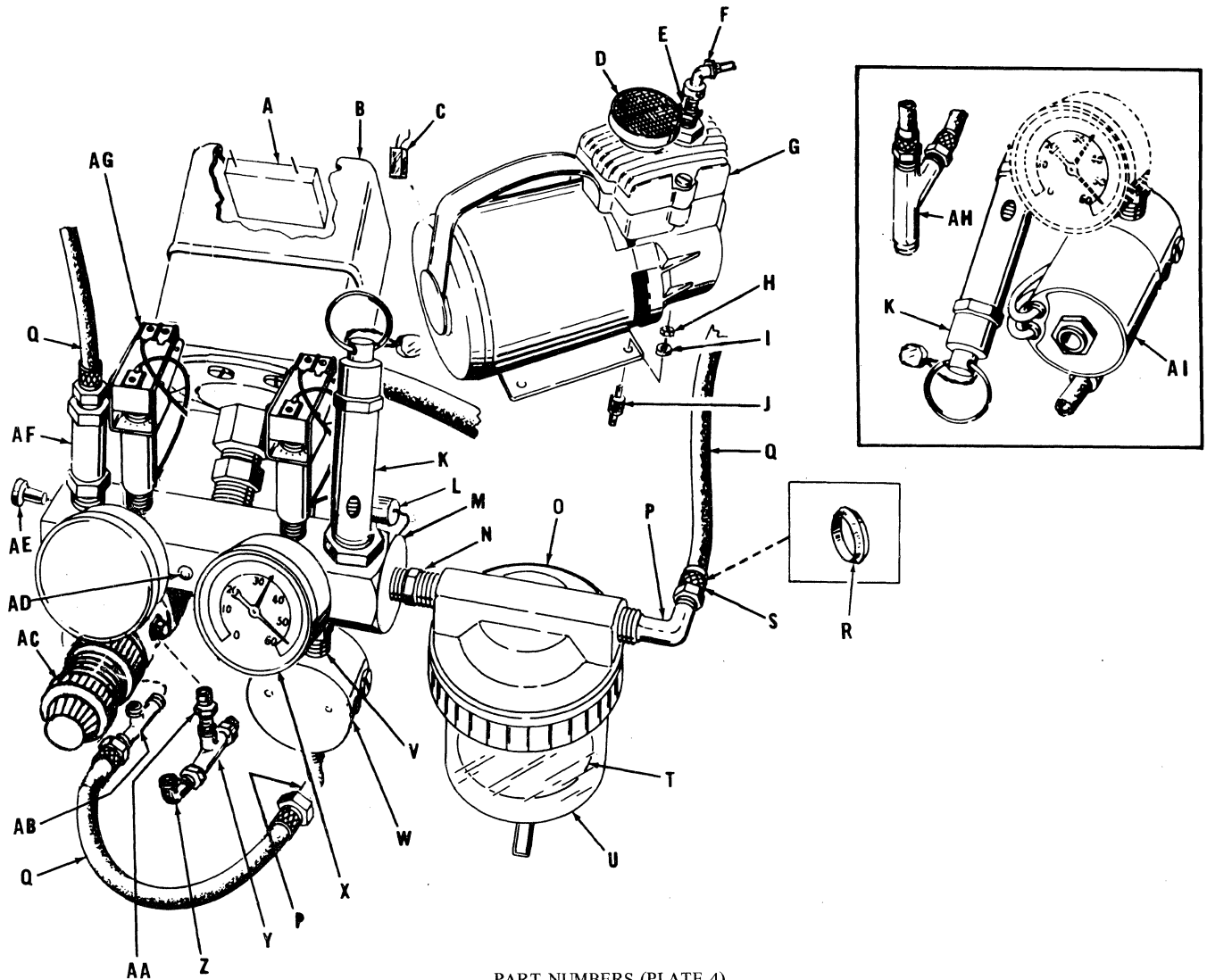
PART NUMBERS (PLATE 2)

A	1190 2624	switch
B	1104 3411	lamp
C	1193 8644	brown lens
D	1193 7844	white lens
E	1193 7547	green lens
F	1192 4792	bezel

ELECTRONIC PLUG-IN CARDS (PLATE 3)

1123 4531	(SM-1A)	F/F counter 1
1123 7419	(SM)	Regular buffer and driver
1123 7476	(SM)	Shift regular 1
1123 7500	(SM)	Shift regular 2
1123 7989	(SM)	System memory control 1
1123 8045	(SM)	Shift count write flip
1123 8086	(SM) (SM-1A)	Clock generator
1123 8128	(SM) (SM-1A)	Disk write driver
1123 8185	(SM)	Address control flip-flop
1123 8243	(SM-1A)	F/F decade JK
1123 8383	(SM-1A)	CTL-DTL NON-INV
1123 8466	(SM) (SM-1A)	Center tap select
1123 9183	(SM) (SM-1A)	Track decode matrix
1124 8218	(SM-1A)	DTL-CTL INV
1145 1150	(SM) (SM-1A)	Touch and Tach
1145 4477	(SM-1A)	CTL DTL INV
1148 3518	(SM)	Cable terminal 1
1148 3559	(SM)	Cable driver 1
1635 5927	(SM-1A)	Shift reg - 6 stg
1635 6032	(SM-1A)	Shift reg - B 24
1635 6305	(SM-1A)	Lamp enable bus
1635 6792	(SM-1A)	Data & address clip on
1636 2196	(SM-1A)	Misc I/O gating
1636 2329	(SM-1A)	Char and ck cont
1636 2360	(SM-1A)	Misc cont
1636 2543	(SM-1A)	Seq control con 1
1636 2592	(SM-1A)	Bit counter
1636 2626	(SM-1A)	Seq control con 2
1637 1577	(SM-1A)	Buff cont card
1637 1759	(SM-1A)	Main panel control
1637 1940	(SM-1A)	Clock control
2006 8367	(SM) (SM-1A)	Read group select
2009 0494	(SM-1A)	A control and decode
2009 8125	(SM) (SM-1A)	Read amplifier

MANIFOLD ASSEMBLY (PLATE 4)

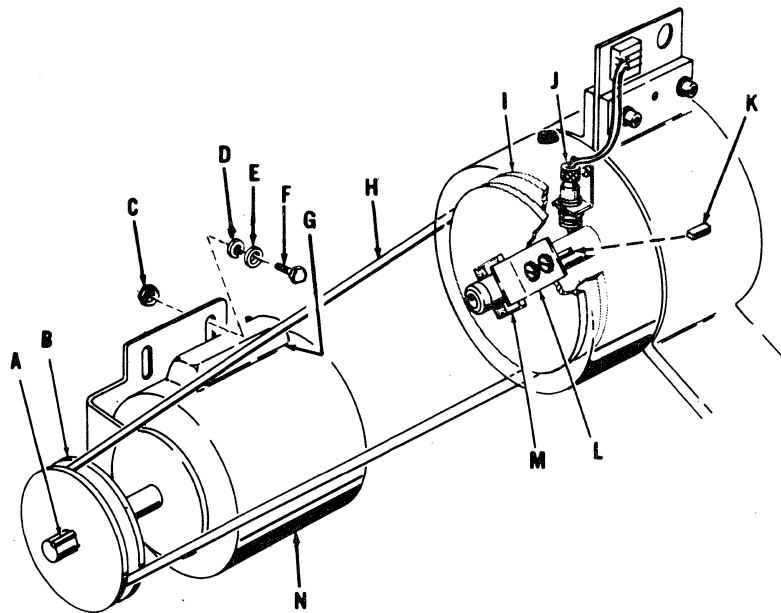


PART NUMBERS (PLATE 4)

A	2013 5406	arc suppressor	U	2006 0240	bowl
B	1142 9339	air pressure switch	V	1110 2878	shoulder nipple
C	2013 5398	arc suppressor	W	1112 2959	solenoid valve
D	2006 7716	filter	X	1635 2809	gauge
E	2010 5413	check valve. Check valve with knurled nut replace with 2010 5413 check valve and 1111 4501 elbow	Y	1102 5905	tee
F	1111 4501	elbow	Z	1103 6530	elbow
G	1142 9313	compressor, 60 Hz	AA	1110 2886	shoulder nipple
	1142 8869	compressor, 50 Hz	AB	1146 8576	fitting
H	1256 5263	nut	AC	2008 0982	regulator, includes:
I	1256 8036	washer			2013 8681 bonnet
J	2008 5791	shockmount			2013 8665 diaphragm
K	1146 8816	safety valve			2005 9036 valve seat
L	2014 5090	diode assembly (type 19), replaces potted arc suppressor			2005 9077 valve spring
M	1145 2877	manifold			2005 9085 main spring
N	1102 9048	hex nipple			2013 8624 teflon "O" ring
O	1146 8568	air filter, includes T, U			2008 0966 orifice
P	1103 6548	elbow			2008 0958 plug } use 1102 0856 "O" ring
Q	1110 9311	tubing (specify feet)	AD	1111 3669	plug
R	1142 9966	nylon ferrule	AE	1111 6993	plug
S	2008 3655	knurled fitting, includes R	AF	1142 9347	check valve
T	1105 6678	filter	AG	1111 3602	switch
			AH	1111 4527	fitting
			AI	1142 9321	solenoid valve

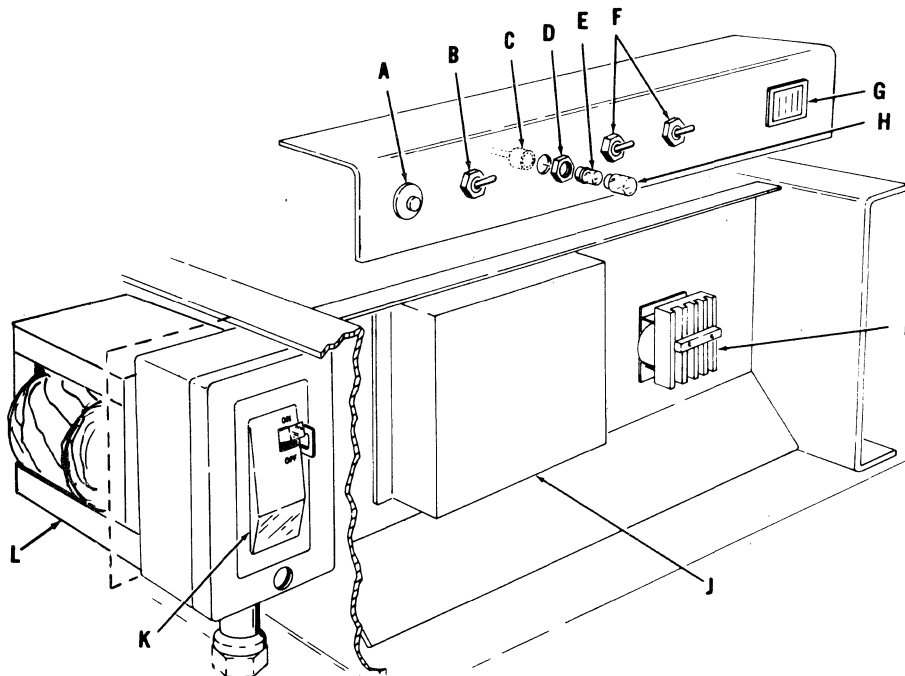
DRIVE BELT ASSEMBLY (PLATE 5)

PART NUMBERS (PLATE 5)



A	----	key, included with motor
B	1633 2678	pulley, 60 Hz (SM)
	1639 9834	pulley, 60 Hz (SM-1A)
	1633 2603	pulley, 50 Hz (SM)
	1903 7142	pulley, 50 Hz (SM-1A)
C	1256 5420	nut
D	1256 7491	lockwasher
E	1256 8119	washer
F	1256 6279	bolt
G	2012 5225	capacitor 39.5 uf, 220 VAC
H	1102 9121	belt, 60 Hz (SM)
	1102 9147	belt, 60 Hz (SM-1A)
	1102 9139	belt, 50 Hz (SM)
	1102 9121	belt, 50 Hz (SM-1A)
I	1633 2595	pulley
J	1111 3701	magnetic pickup, use 1197 0100 nut
K	1102 7612	key
L	1144 4221	bracket
M	1144 4239	brush, use: 1256 0330 screw
N	2005 6859	motor, 60 Hz
	2005 6842	motor, 50 Hz } includes G

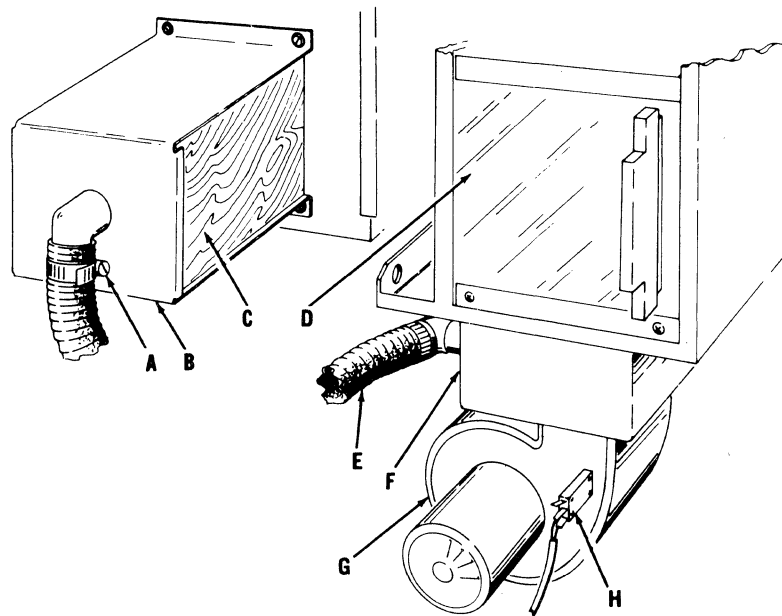
MAINTENANCE PANEL (PLATE 6)



PART NUMBERS (PLATE 6)

A	1109 9363	switch	G	1194 0020	meter, 60 Hz
B	1152 2810	switch		1194 0012	meter, 50 Hz
C	1103 6217	lamp assembly, includes D, H	H	----	lamp cover, included in C
D	----	included in C	I	1142 9685	relay, 15 A
E	1111 3966	lamp	J	1142 9768	filter
F	2013 5778	switch	K	1102 3413	circuit breaker, 15A
			L	2006 0257	transformer

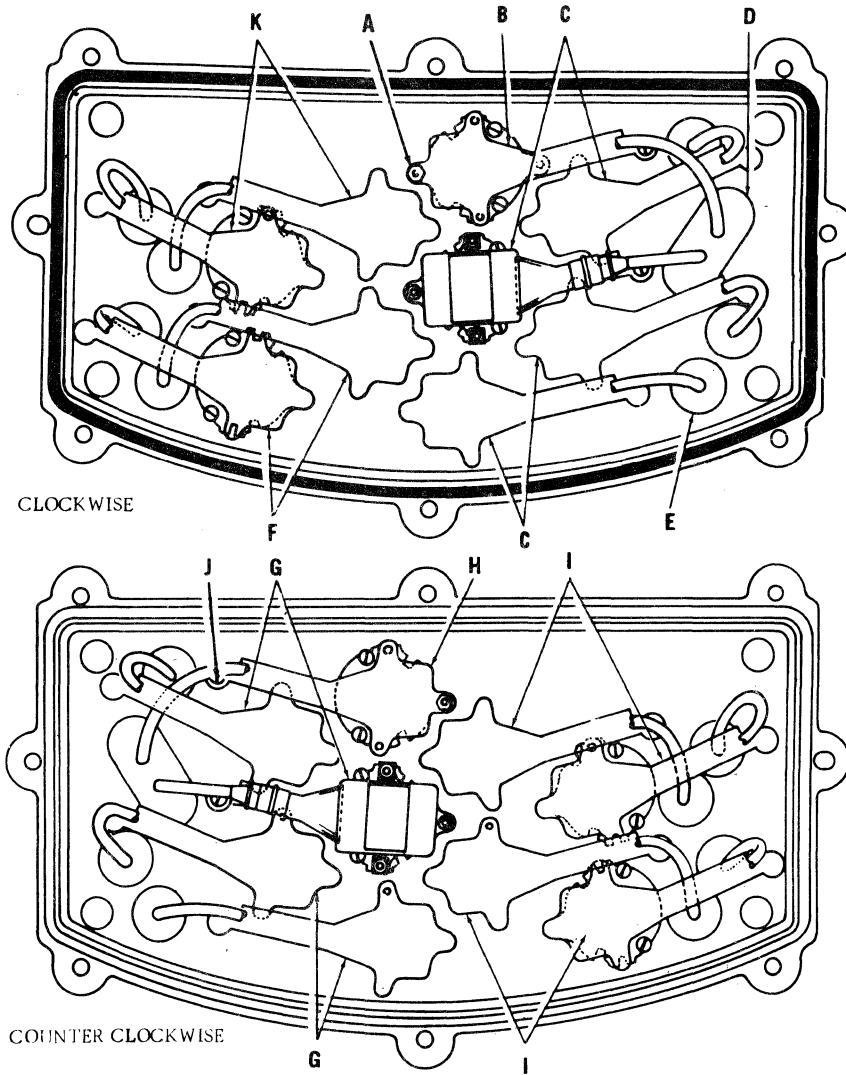
BLOWER ASSEMBLY (PLATE 7)



PART NUMBERS (PLATE 7)

A	1165 3664	clamp	
B	1144 7166	bracket	
C	1119 4602	filter	
D	1145 2935	air shield (SM)	
	1637 0520	air shield (3 used) (SM-1A)	
	1901 0909	air shield (1 used) (SM-1A)	
E	1142 7945	hose (SM)	
	2010 3354	hose (SM-1)	
F	1145 4121	plenum box (SM)	
	1637 0611	plenum box (SM-1A)	
G	1121 1042	blower and motor (SM)	
	1121 1059	blower and motor (SM-1)	} includes H
H	1111 3909	switch	

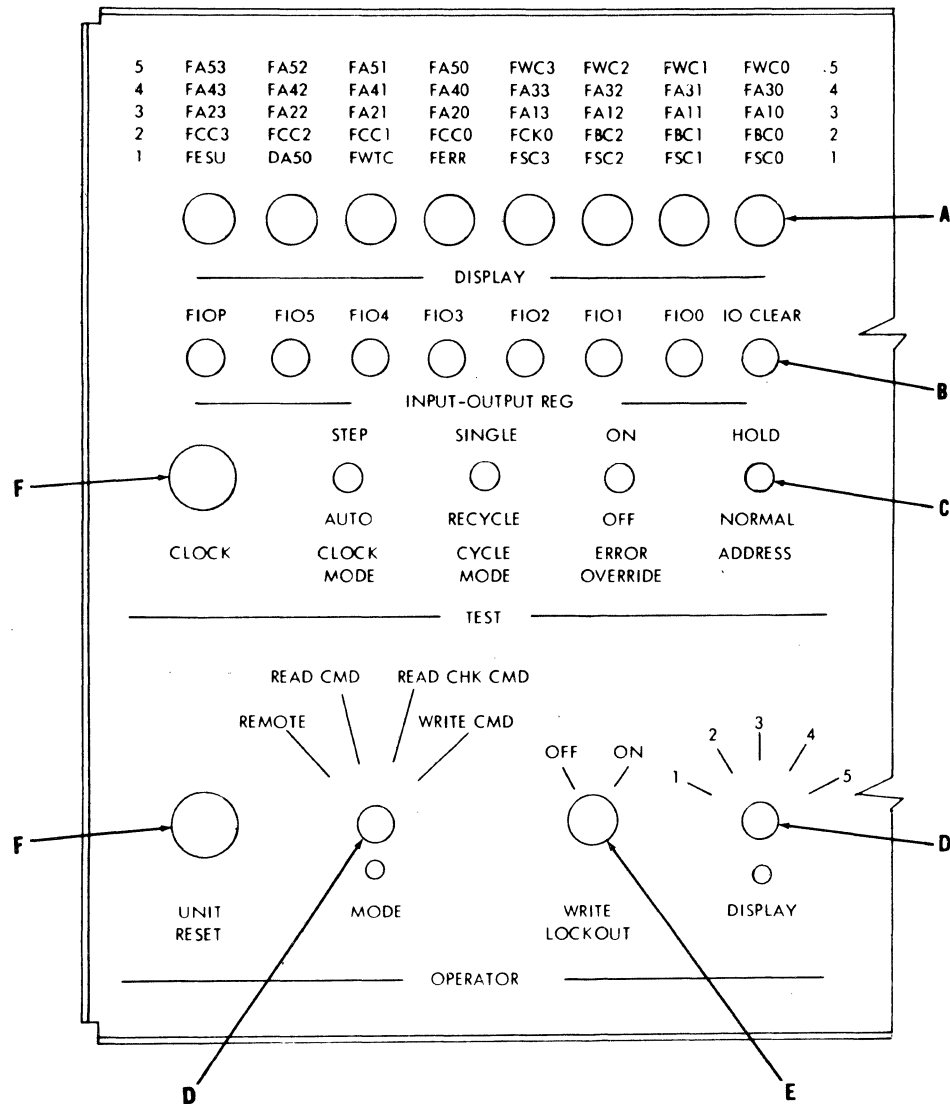
BPI HEADS (PLATE 8)



PART NUMBERS (PLATE 8)

A	2012 7270	screw stud, use 2013 5703 nut
B	2033 1112	lower clock - CW
C	2033 1542	lower information - CW
D	1145 5375	grommet
E	1101 7548	grommet
F	2033 1534	upper information - CW
G	2033 1559	lower information - CCW
H	2033 1385	lower clock - CCW
I	2033 1526	upper information - CCW
J	1115 1081	screw
K	2033 1534	upper information - CW, use 2005 2981 diode (type 25) on head assembly and head connector boards assembly

TEST PANEL (PLATE 9)



PART NUMBERS (PLATE 9)

A	1143 1335	light assembly, use 1143 1327 lamp
B	1142 8018	push button light switch
C	1126 2912	toggle switch
D	1635 1793	rotary switch, use 1102 5434 knob
E	1900 2807	key lock switch
F	1164 8128	push button switch

POWER SUPPLY (PLATE 10)

System Memory, 60 Hz, complete power supply . . .	1145 6530
System Memory 1A, 60 Hz, complete power supply. . .	1637 5354
System Memory, 50 Hz, complete power supply . . .	1148 1108
System Memory 1A, 50 Hz, complete power supply . . .	1902 9917

ACME Power Supply - For System Memory

<u>LOC</u>		<u>ACME No. PS 65353 - 60 Hz</u>		<u>PS 65475 - 50 Hz</u>	
C1	2012 2123	capacitor, 3 uf, 660 VAC - 60 Hz			
C1	2010 4675	capacitor, 4 uf, 660 VAC - 50 Hz			
C2, C3	2010 4683	capacitor, 150,000 uf			
C4, C5	2010 4691	capacitor, 100,000 uf			
C6, C7	2010 4709	capacitor, 7800 uf			
C8, C11	2010 4717	capacitor, 22,000 uf			
CR1 - CR4	2012 2131	diode, 1N1183			
CR5, CR6	2012 2305	diode, 1N5401			
CR7 - CR10	2010 4733	diode, 1N5400			
F1, F2	2012 2172	fuse, 20A			
F3, F5	2012 1950	fuse, 5A			
F6	2012 1968	fuse, 2A			
F1 - F6	2010 4766	fuseholder			
L1	2012 2099	filter choke			
L2	2012 2107	filter choke			
L3	2010 4642	filter choke			
L4, L5	2012 2180	filter choke			
PAAA, PAAB	2010 4790	terminal board			
R1	2010 4741	resistor, 5 ohm, 3/4W			
R2	2010 4758	resistor, 5 ohm, 11W			
R3	2012 2156	resistor, 1500 ohm, 1W			
R4, R5	2012 2164	resistor, 1000 ohm, 1W			
T1	2012 2073	transformer, constant voltage, 60 Hz			
T1	2012 1745	transformer, constant voltage, 50 Hz			
T2	2012 1935	transformer, step down			
T3	2012 2081	transformer			

G.E. Power Supply - System Memory

<u>LOC</u>		<u>G.E. No. 9T66Y976G4 - 60 Hz,</u>		<u>9T66Y976G6 - 50 Hz</u>	
C1, C2	2008 5064	capacitor, 165,000 uf			
C3, C4	2008 5072	capacitor, 89,000 uf			
C5	2008 5080	capacitor, 63,000 uf			
C6	2008 5098	capacitor, 76,000 uf			
C7, C8	2008 5106	capacitor, 7,400 uf			
C9	2006 8920	capacitor			
CR1 - CR8	2008 5148	rectifier, 1N1199A			
CR9, CR10	2008 5114	rectifier, 1N1200A			
F1	1102 8032	fuse, 2A			
F2 - F4	1102 7943	fuse, 5A			
F5, F6	1100 7499	fuse, 20A			
L1	2008 5122	reactor			
L2	2008 5130	reactor			
R1	2006 9027	resistor			
T1	----	stabilizer, 60 Hz - not replaceable			
T1	----	stabilizer, 50 Hz - not replaceable			
T2	2008 5171	transformer			
TB1	2008 5155	terminal block			
TB2	2008 5163	terminal block			

ACME Power Supply - For System Memory 1A

<u>LOC</u>		<u>ACME No. PS 65550 - 60 Hz</u>		<u>PS 65550F - 50 Hz</u>	
C1	2010 4675	capacitor, 4 uf, 660 VAC, 60 Hz			
C1	2010 4725	capacitor, 5 uf, 660 VAC, 50 Hz			
C2 - C4	2010 4683	capacitor, 150,000 uf			
C5 - C7	2010 4691	capacitor, 100,000 uf			
C8, C9	2010 4709	capacitor, 7800 uf			
C10 - C13	2010 4717	capacitor, 22,000 uf			
CR1 - CR4	2012 2131	diode, 1N1183			
CR5, CR6	2012 2305	diode, 1N5401			
CR7 - CR10	2010 4733	diode, 1N5400			
F1	2012 1968	fuse, 2A			
F2 - F4	2012 1950	fuse, 5A			
F5, F6	1117 6302	fuse, 25A			
F1 - F4	2010 4766	fuseholder			
F5, F6	2010 4774	fuseholder			
L1	2010 4626	filter choke			
L2	2010 4634	filter choke			
L3	2010 4642	filter choke			
L4	2010 4659	filter choke			
L5	2010 4667	filter choke			
PAAA	2010 4782	terminal board			
PAAB	2010 4790	terminal board			
PAAC, PAAD	2010 4808	terminal board			
R1	2010 4741	resistor, 5 ohm, 3/4W			
R2	2010 4758	resistor, 5 ohm, 11W			
R3	1322 2088	resistor, 1500 ohm, 1W			
R4, R5	1100 2318	resistor, 1000 ohm, 1W			
T1	2010 4584	transformer, 60 Hz			
T1	2010 4816	transformer, 50 Hz			
T2	2010 4592	transformer			
T3	2010 4600	transformer			
T4	2010 4618	transformer			

G.E. Power Supply - System Memory 1A

<u>LOC</u>		<u>G.E. No. 9T66Y956G10 - 60 Hz</u>		<u>9T66Y956G11 - 50 Hz</u>	
C1	2010 3123	capacitor, 15 uf			
C2, C3	2010 3131	capacitor, 150,000 uf			
C4, C5	2010 3149	capacitor, 230,000 uf			
C6 - C9	2010 3156	capacitor, 9200 uf			
C10	2010 3164	capacitor, 64,000 uf			
CR1, CR2	1064 5950	rectifier, 1N1183			
CR3, CR4	1471 5023	rectifier, 1N1183R			
CR5 - CR11	2010 3172	rectifier, MR1032A			
F1	1321 8631	fuse, 2A			
F2 - F4	1064 7667	fuse, 5A			
F5, F6	1117 6302	fuse, 25A			
L1	2010 3180	reactor			
L2	2010 3198	reactor			
L3	2010 3206	reactor			
L4	2010 3214	reactor			
PAAA	2010 3222	terminal board			
PAAB	2010 3230	terminal board			
PAAC, PAAD	2010 3248	terminal board			
T1	2010 3289	transformer, 60 Hz			
T1	2010 3255	transformer, 50 Hz			
T2	2010 3263	transformer			
T3	2010 3271	transformer			